

In The Claims

Please amend the claims as reflected in the following listing.

Claims 1-144 (cancelled).

Claim 145 (currently amended): An integrated handheld apparatus for measuring and displaying distances between a golfer and an object on a golf course comprising:

a computing device;

a GPS device connected to said computing device;

an apparatus display connected to said computing device;

said GPS device adapted to produce measured location information corresponding to a location of said GPS device independent of golf course infrastructure;

means, within said handheld apparatus, for modifying said measured location information to account for changes in environmental conditions to obtain corrected location information;

means, within said handheld apparatus, for determining a distance, independent of said golf course infrastructure, between said GPS device and said object by using said corrected location information and previously stored information concerning the location of said object; and

wherein a representation of said object is displayed on said apparatus display, as viewed from above said object, and said representation automatically rotates to orient said representation to coincide with ~~varies to approximate the view of said object as seen from~~ said golfer's line of sight to said object and said integrated handheld computing device is adapted to selectively display said distance on said apparatus display.

Claim 146 (previously presented): The apparatus of claim 145 wherein said object is a green, a moveable cross hair is displayed on said apparatus display and the distance between said

handheld apparatus and the apparent position of the cross of said crosshair relative to said green is computed and displayed.

Claim 147 (previously presented): The apparatus of claim 146 wherein said cross hair is displayed so that a portion thereof intersects the boundary of said displayed green at an intersection point and wherein the distance between said handheld apparatus and the apparent position of said intersection point relative to said green is computed and displayed.

Claim 148 (previously presented): The apparatus of claim 147 wherein said cross hair is displayed so that one or more portions thereof intersect the boundary of said displayed green at two intersection points and wherein the distance between said handheld apparatus and the apparent position of each of said two intersection points relative to said green are computed and displayed.

Claims 149-153 (cancelled)

Claim 154 (currently amended): An integrated handheld apparatus for measuring and displaying distances between a golfer and an object on a golf course comprising:

a computing device;

a GPS device connected to said computing device;

an apparatus display connected to said computing device;

said GPS device adapted to produce measured location information corresponding to a location of said GPS device independent of golf course infrastructure;

means, within said handheld apparatus, for determining a distance, independent of said golf course infrastructure, between said GPS device and said object by using said measured location information and previously stored information concerning the location of said object; and

wherein a representation of said object is displayed on said apparatus display, as viewed from above said object, and said representation automatically rotates to orient said representation to coincide with ~~varies to approximate the view of said object as seen from~~ said golfer's line of sight to said object and said integrated handheld computing device is adapted to selectively display said distance on said apparatus display.

Claim 155 (previously presented): The apparatus of claim 154 wherein said object is a green, a moveable cross hair is displayed on said apparatus display and the distance between said handheld apparatus and the apparent position of the cross of said crosshair relative to said green is computed and displayed.

Claim 156 (previously presented): The apparatus of claim 155 wherein said cross hair is displayed so that a portion thereof intersects the boundary of said displayed green at an intersection point and wherein the distance between said handheld apparatus and the apparent position of said intersection point relative to said green is computed and displayed.

Claim 157 (previously presented): The apparatus of claim 156 wherein said cross hair is displayed so that one or more portions thereof intersect the boundary of said displayed green at two intersection points and wherein the distance between said handheld apparatus and the apparent position of each of said two intersection points relative to said green are computed and displayed.